

EXHIBIT 7



IN VIVO NEUTRALIZING ACTIVITY OF CD46-C4BP α AND SCD46 PROTEIN INOCULATE
INTRACRANIALLY TOGETHER WITH 6000 INFECTIOUS UNITS OF EITHER
MV OR CDV.

CD46-C4bp α is a potent inhibitor of measles virus infection in vivo. When CD46-C4bp α protein (190 nM) was co-injected i.c. into newborn transgenic CD46 mice with 6000 pfu of MV-Hallé strain, all animals survived, whereas mice inoculated with MV alone were all killed with a mean survival time of 7.6 days (Table 1). In the group of mice inoculated with MV and monomeric sCD46 3 out 4 mice died with a mean survival time of 13 days. The protective effect of both CD46-C4bp α and monomeric Scd46 was specific to MV, since they did not prevent nor delayed the death induced by i.c. inoculation of transgenic CD46 mice with Canine Distemper virus.

INNOCULATED VIRUS	TREATMENT	DEATH RATIO	MEAN SURVIVAL TIME (DAYS)
MV	PBS	6/6	7.6
	sCD46	3/4	13.0
	CD46-C4bp α	0/6	--
CDV	PBS	3/3/	7.3
	sCD46	3/3/	7.6
	CD46-C4bp α	3/3/	7.7